Name of Work: Package - 7 Consists of 7 Works

EMB

"THIRD AND PART BILL"

Name of Work: Package-7 Consists of 7 Works

Date of Measurement : 08-06-2023

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
13	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work								
	Ward No-09								
	7th Block HMT Layout								
	7th Cross Road								
	RHS								
	0.00-30.00		1	30.00	0.75		22.50		
	30.00-34.10		1	4.10	0.75		3.08		
	42.20-50.10		1	7.90	0.75		5.93		
	56.00-69.00		1	13.00	0.75		9.75		
	72.90-77.40		1	4.50	0.75		3.38		
	LHS								
	9.60-20.80		1	11.20	0.90		10.08		
	49.00-57.50		1	8.50	0.75		6.38		
	61.20-77.90		1	16.70	0.90		15.03		
	82.30-106.10		1	23.80	0.75		17.85		
	134.50-142.60		1	8.10	0.75		6.08		
	147.10-159.10		1	12.00	0.75		9.00		
	160.40-170.80		1	10.40	0.90		9.36		
	8th Cross Road								
	RHS								
	17.30-20.50		1	3.20	0.75		2.40		
	34.30-44.10		1	9.80	0.75		7.35		
	LHS								
	41.80-64.50		1	22.70	0.75		17.03		
	69.40-75.60		1	6.20	0.75		4.65		
	99.10-104.70		1	5.60	0.90		5.04		
	Missing Slabs		140	0.60	0.90		75.60		
	New Drain								
	Vidyaranyapura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00	0.90		27.00		
	30.00-60.00		1	30.00	0.90		27.00		

AE-09

Assistant Executive Enginee
Vidyaranyapura Sub Divisio
B.B.M.P, Bangalore - 97

	60.00-90.00		1	30.00	0.90		27.00		
	90.00-100.00		1	10.00	0.90		9.00		
	6th Block HMT Layout								
	2nd Cross Road								
	LHS								
	0.00-13.20		1	13.20	0.90		11.88		
	23.00-37.40		1	14.40	0.90		12.96		
	42.80-54.60			11.80	0.90		10.62		
	60.40-62.40			2.00	0.90		1.80		
						Total Quantity	**357.72**	**2174.98**	**778033.85**

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
14	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	SSM Culvert								
	6th Block BEL Layout								
	1st B Cross Road		1	7.50	1.50		11.25		
	7th Block HMT Layout								
	6th Cross Road								
			1	14.57	1.50		21.86		
			1	11.30	1.50		16.95		
	7th Cross Road		1	7.50	1.50		11.25		
	Last Bus Stop To GKVK Layout		1	10.50	1.80		18.90		
						Total Quantity	**80.21**	**5287.34**	**424071.10**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Divisio
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
16	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)								
	For kerb stones								
	Vidyaranyapura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00			30.00		
	30.00-60.00		1	30.00			30.00		
	60.00-90.00		1	30.00			30.00		
	90.00-100.00		1	10.00			10.00		
	6th Block HMT Layout								
	2nd Cross Road								
	LHS								
	0.00-13.20		1	13.20			13.20		
	23.00-37.40		1	14.40			14.40		
	42.80-54.60		1	11.80			11.80		
	60.40-62.40		1	2.00			2.00		
							141.40		
	No's						313.91		
						Total Quantity	**313.91**	**532.20**	**167062.00**

Contractor

BMC

Assistant Engineer

Asst, Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Measurement :									
Detailed Measurements									
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
17	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
	For kerb stones								
	Vidyaranyapura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00		0.35	10.50		
	30.00-60.00		1	30.00		0.35	10.50		
	60.00-90.00		1	30.00		0.35	10.50		
	90.00-100.00		1	10.00		0.35	3.50		
	6th Block HMT Layout								
	2nd Cross Road								
	LHS								
	0.00-13.20		1	13.20		0.35	4.62		
	23.00-37.40		1	14.40		0.35	5.04		
	42.80-54.60		1	11.80		0.35	4.13		
	60.40-62.40		1	2.00		0.35	0.70		
						Total Quantity	**49.49**	**98.15**	**4858.00**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House ★ Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
23	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (V-III, P.No.36, I.No.5.16C of PWD SR 2021-22).								
	Ward No-09								
	BC Road								
	6th Block HMT Layout								
	3rd Cross Road								
	0.00-15.00		1	15.00	(5.3+4.7)/2	0.04	3.00		
	15.00-30.00		1	15.00	(4.7+4.8)/2	0.04	2.85		
	30.00-45.00		1	15.00	(4.8+4.9)/2	0.04	2.91		
	45.00-60.00		1	15.00	(4.9+5.4)/2	0.04	3.09		
	60.00-74.00		1	14.00	(5.4+5.4)/2	0.04	3.02		
	74.00-90.00		1	16.00	(5.4+4.9)/2	0.04	3.30		
	90.00-105.00		1	15.00	(4.9+4.9)/2	0.04	2.94		
	105.00-120.00		1	15.00	(4.9+5)/2	0.04	2.97		
	120.00-135.00		1	15.00	(5+4.9)/2	0.04	2.97		
	135.00-150.00		1	15.00	(4.9+5.1)/2	0.04	3.00		
	150.00-165.00		1	15.00	(5.1+5)/2	0.04	3.03		
	165.00-180.00		1	15.00	(5+5.1)/2	0.04	3.03		
	180.00-195.00		1	15.00	(5.1+5.75)/2	0.04	3.26		
	195.00-200.40		1	5.40	(5.75+5.8)/2	0.04	1.25		
	7th Block HMT Layout								
	7th Cross Road								
	0.00-15.00		1	15.00	(4.8+4.6)/2	0.04	2.82		
	15.00-30.00		1	15.00	(4.6+4.8)/2	0.04	2.82		
	30.00-45.00		1	15.00	(4.8+5.5)/2	0.04	3.09		
	45.00-60.00		1	15.00	(5.5+4.8)/2	0.04	3.09		
	60.00-75.00		1	15.00	(4.8+4.5)/2	0.04	2.79		
	75.00-90.00		1	15.00	(4.5+4.75)/2	0.04	2.78		
	90.00-105.00		1	15.00	(4.75+4.6)/2	0.04	2.81		
	105.00-120.00		1	15.00	(4.6+5)/2	0.04	2.88		
	120.00-135.00		1	15.00	(5+5.05)/2	0.04	3.02		
	135.00-150.00		1	15.00	(5.05+4.75)/2	0.04	2.94		
	150.00-165.00		1	15.00	(4.75+4.8)/2	0.04	2.87		
	165.00-172.90		1	7.90	(4.8+6.7)/2	0.04	1.82		
	8th Cross Road								
	0.00-15.00		1	15.00	(6.9+5.25)/2	0.04	3.65		
	15.00-30.00		1	15.00	(5.25+4.8)/2	0.04	3.02		
	30.00-45.00		1	15.00	(4.8+4.9)/2	0.04	2.91		
	45.00-60.0		1	15.00	(4.9+5)/2	0.04	2.97		
	60.00-75.00		1	15.00	(5+5.3)/2	0.04	3.09		
	75.00-90.00		1	15.00	(5.3+4.8)/2	0.04	3.03		
	90.00-105.00		1	15.00	(4.8+5.9)/2	0.04	3.21		

ಕಾಮಗಾರಿಯ ಅಭಿವೃದ್ಧಿಯಂತೆಯು
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಪಟ್ಟಣ ಪಂಚಾಯತ್ ವಿಜಾಪುರ
ಜಿಲ್ಲಾ ಪಂಚಾಯತ್ ವಿಜಾಪುರ

AEE (VRP) SD

JE-09

	105.00-107.00		1	2.00	(5.9+5.9)/2	0.04	0.47		
	9th Cross Road								
	0.00-15.00		1	15.00	(7.4+4.5)/2	0.04	3.57		
	15.00-30.00		1	15.00	(4.5+4.6)/2	0.04	2.73		
	30.00-45.00		1	15.00	(4.6+4.55)/2	0.04	2.75		
	45.00-50.00		1	5.00	(4.55+5)/2	0.04	0.96		
	50.00-62.00		1	12.00	(5+5.2)/2	0.04	2.45		
	62.00-74.00		1	12.00	(5.2+4.75)/2	0.04	2.39		
	74.00-86.00		1	12.00	(4.75+5.1)/2	0.04	2.36		
	86.00-97.70		1	11.70	(5.1+7)/2	0.04	2.83		
	Defence Layout								
	8th Road								
	0.00-15.00		1	15.00	(6.5+6)/2	0.04	3.75		
	15.00-30.00		1	15.00	(6+6)/2	0.04	3.60		
	30.00-45.00		1	15.00	(6+6.2)/2	0.04	3.66		
	45.00-49.30		1	4.30	(6.2+6.4)/2	0.04	1.08		
	49.30-58.10		1	8.80	(8.2+8.9)/2	0.04	3.01		
	58.10-76.00		1	17.90	(6.4+5.8)/2	0.04	4.37		
	76.00-90.00		1	14.00	(5.8+5.5)/2	0.04	3.16		
	90.00-105.00		1	15.00	(5.5+5.35)/2	0.04	3.26		
	105.00-117.60		1	12.60	(5.35+5.85)/2	0.04	2.82		
	117.60-130.2		1	12.60	(6.80+7.65)/2	0.04	3.64		
	130.2-145.00		1	14.80	(6.15+5.7)/2	0.04	3.51		
	145.00-160.00		1	15.00	(5.7+6.15)/2	0.04	3.56		
	160.00-173.20		1	13.20	(6.15+5.8)/2	0.04	3.15		
	173.20-185.50		1	12.30	(8.10+7.20)/2	0.04	3.76		
	185.50-200.00		1	14.50	(6.10+6.30)/2	0.04	3.60		
	200.00-215.00		1	15.00	(6.3+5.40)/2	0.04	3.51		
	215.00-230.00		1	15.00	(5.40+5.30)/2	0.04	3.21		
	230.00-245.00		1	15.00	(5.30+5.20)/2	0.04	3.15		
	245.00-260.00		1	15.00	(5.20+4.70)/2	0.04	2.97		
	260.00-271.00		1	11.00	(4.70+5.70)/2	0.04	2.29		
	271.00-278.00		1	7.00	(7.70+7.60)/2	0.04	2.14		
	278.00-293.00		1	15.00	(5.10+4.8)/2	0.04	2.97		
	293.00-310.00		1	17.00	(4.8+5.10)/2	0.04	3.37		
	310.00-325.00		1	15.00	(5.10+5.5)/2	0.04	3.18		
	325.00-340.00		1	15.00	(5.5+5.10)/2	0.04	3.18		
	340.00-357.80		1	17.80	(5.10+5.4)/2	0.04	3.74		
	357.80-361.00		1	3.20	(6.2+6)/2	0.04	0.78		
	361.00-364.90		1	3.90	(5.6+7.5)/2	0.04	1.02		
	Sri Krishna #250 House Road								
	0.00-15.00		1	15.00	(4.9+5)/2	0.04	2.97		
	15.00-30.00		1	15.00	(5+4.9)/2	0.04	2.97		
	30.00-37.60		1	7.60	(4.9+8.01)/2	0.04	1.96		
	BARC/DAE Exit Gate Rd								
	0.00-15.00		1	15.00	(7.8+7.4)/2	0.04	4.56		
	15.00-30.00		1	15.00	(7.4+7.4)/2	0.04	4.44		
	30.00-41.30		1	11.30	(7.4+9.1)/2	0.04	3.73		
	4th Road								
	0.00-15.00		1	15.00	(8.1+7.2)/2	0.04	4.59		
	15.00-30.00		1	15.00	(7.2+7.4)/2	0.04	4.38		
	30.00-45.00		1	15.00	(7.4+10.3)/2	0.04	5.31		

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

	FOR RAMP								
	Block HMT Layout								
	6th Cross Road								
	RHS		1	14.00	1.50	0.04	0.84		
	LHS		1	9.00	1.50	0.04	0.54		
						Total Quantity	**238.42**	**12252.20**	**2921188.15**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
24	KSRRB M800-13. Road marking with hot applied thermoplastic compound with reflectrising glass beads on bituminous/ concrete surface. providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectrising glass beads at 250gms/ Sqm area, thickness of 2.5mm is exclusive of surfsce applied glass beads as per IRC: 35 standards specified the finished surface to be levell uniform and free from streaks and holes complete as per speciationd MORTH specification No.803								
	Ward No-09								
	Edge Marking								
	6th Block HMT Layout								
	3rd Cross Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-45.00		2	15.00	0.10		3.00		
	45.00-60.00		2	15.00	0.10		3.00		
	60.00-74.00		2	14.00	0.10		2.80		
	74.00-90.00		2	16.00	0.10		3.20		
	90.00-105.00		2	15.00	0.10		3.00		
	105.00-120.00		2	15.00	0.10		3.00		
	120.00-135.00		2	15.00	0.10		3.00		
	135.00-150.00		2	15.00	0.10		3.00		
	150.00-165.00		2	15.00	0.10		3.00		
	165.00-180.00		2	15.00	0.10		3.00		
	180.00-195.00		2	15.00	0.10		3.00		
	195.00-200.40		2	5.40	0.10		1.08		
	7th Block HMT Layout								
	7th Cross Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-45.00		2	15.00	0.10		3.00		
	45.00-60.00		2	15.00	0.10		3.00		
	60.00-75.00		2	15.00	0.10		3.00		
	75.00-90.00		2	15.00	0.10		3.00		
	90.00-105.00		2	15.00	0.10		3.00		
	105.00-120.00		2	15.00	0.10		3.00		
	120.00-135.00		2	15.00	0.10		3.00		
	135.00-150.00		2	15.00	0.10		3.00		
	150.00-165.00		2	15.00	0.10		3.00		
	165.00-172.90		2	7.90	0.10		1.58		
	8th Cross Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-45.00		2	15.00	0.10		3.00		
	45.00-60.0		2	15.00	0.10		3.00		
	60.00-75.00		2	15.00	0.10		3.00		

AB-09

Assistant Executive Engine
Vidyaranyapura Sub Divisi
B.B.M.P, Bangalore - 97

	75.00-90.00		2	15.00	0.10		3.00		
	.00-105.00		2	15.00	0.10		3.00		
	105.00-107.00		2	2.00	0.10		0.40		
	9th Cross Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-45.00		2	15.00	0.10		3.00		
	45.00-50.00		2	5.00	0.10		1.00		
	50.00-62.00		2	12.00	0.10		2.40		
	62.00-74.00		2	12.00	0.10		2.40		
	74.00-86.00		2	12.00	0.10		2.40		
	86.00-97.70		2	11.70	0.10		2.34		
	Defence Layout								
	8th Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-44.00		2	14.00	0.10		2.80		
	44.00-50.00		2	6.00	0.10		1.20		
	50.00-58.20		2	8.20	0.10		1.64		
	58.20-70.00		2	11.80	0.10		2.36		
	70.00-85.00		2	15.00	0.10		3.00		
	85.00-100.00		2	15.00	0.10		3.00		
	100.00-115.00		2	15.00	0.10		3.00		
	115.00-118.00		2	3.00	0.10		0.60		
	118.00-130.30		2	12.30	0.10		2.46		
	130.30-145.00		2	14.70	0.10		2.94		
	145.00-160.00		2	15.00	0.10		3.00		
	160.00-176.20		2	16.20	0.10		3.24		
	176.20-183.10		2	6.90	0.10		1.38		
	183.10-195.00		2	11.90	0.10		2.38		
	195.00-210.00		2	15.00	0.10		3.00		
	210.00-225.00		2	15.00	0.10		3.00		
	225.00-240.00		2	15.00	0.10		3.00		
	240.00-255.00		2	15.00	0.10		3.00		
	255.00-270.00		2	15.00	0.10		3.00		
	270.00-281.00		2	11.00	0.10		2.20		
	281.00-290.00		2	9.00	0.10		1.80		
	290.00-305.00		2	15.00	0.10		3.00		
	305.00-320.00		2	15.00	0.10		3.00		
	320.00-335.00		2	15.00	0.10		3.00		
	335.00-350.00		2	15.00	0.10		3.00		
	350.00-365.40		2	15.40	0.10		3.08		
	Sri Krishna #250 House Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-37.60		2	7.60	0.10		1.52		
	BARC/DAE Exit Gate Rd								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-41.30		2	11.30	0.10		2.26		

Assistant Executive En
Vidyaranyapura Sub D
B.B.M.P, Bangalore -

	Road								
	0.00-15.00		2	15.00	0.10		3.00		
	15.00-30.00		2	15.00	0.10		3.00		
	30.00-45.00		2	15.00	0.10		3.00		
						Total Quantity	**213.46**	**551.93**	**117814.98**

Contractor

Consultant

Karnataka Material Testhouse Pvt. Ltd. Bangalore

Assistant Engineer

Asst, Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package - 7 Consists of 7 Works

MEASURMENT SHEETS

"THIRD AND PART BILL"

Name of Work: Package - 7 Consists of 7 Works

Date of Pre-Measurment

Detailed Measurments

Item No	Discription of Item		Unit	Rate	Amount
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution				
	Void Page No				
	Present Qty	**0.00**	**Cum**	**351.0200**	**0.00**
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)				
	Void Page No				
	Present Qty	**32.77**	**Cum**	**6413.0400**	**210144.10**
5	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. (V-III, I.No 13.1 page no 99,KPWD S.R 20121-22)				
	Void Page No				
	Present Qty	**2.38**	**Tonns**	**106425.9300**	**252816.93**
6	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)				
	Void Page No				
	Present Qty	**44.31**	**Cum**	**7235.6200**	**320636.37**

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AEE (WRP) SD

7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.1.4 of PWD SR 2021-22)				
	Void Page No				
	Present Qty	**33.82**	**Cum**	**6613.9500**	**223667.92**
9	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.4, P.No-9 of PWD SR 2021-22)				
	Void Page No				
	Present Qty	**32.55**	**Cum**	**6613.9500**	**215260.26**
12	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (V-2, No-6.33, P.No-17 of PWD SR 2021-22).				
	Void Page No				
	Present Qty	**161.68**	**Sqm**	**1225.1000**	**198074.17**
18	leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m				
	Void Page No				
	Present Qty	**0.00**	**Cum**	**75.0500**	**0.00**
19	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).				
	Void Page No				
	Present Qty	**0.00**	**Cum**	**2764.2800**	**0.00**

AEE-09

AEE (VRP) SD

20	Providing and applying primer coat with SS1 bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.90 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.				
	Void Page No				
	Present Qty	**0.00**	**Sqm**	**48.5000**	**0.00**
21	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).				
	Void Page No				
	Present Qty	**5960.54**	**Sqm**	**13.860**	**82613.06**
22	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).				
	Void Page No				
	Present Qty	**54.21**	**Sqm**	**10552.5300**	**572052.65**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Divi...
B.B.M.P, Bangalore - 97

Name of Work: Package - 7 Consists of 7 Works

PRE-MEASURMENT SHEETS

"THIRD AND PART BILL"

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement : 08/06/2023

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
1	Removing and resetting stone Slab of drain and pointing in C.M (1:3) (Approved Rate)								
	Ward No-09								
	Top Slab								
	7th Block HMT Layout								
	Last Bus Stop To GKVK Layout								
	LHS								
	0.00-13.50		1	13.50	0.90		12.15		
	48.40-65.20		1	16.80	0.90		15.12		
	123.50-153.50		1	30.00	1.20		36.00		
	153.50-154.70		1	1.20	1.20		1.44		
	213.90-218.50		1	4.60	1.20		5.52		
	223.20-229.80		1	6.60	0.90		5.94		
	235.00-240.20		1	5.20	0.90		4.68		
	244.80-263.20		1	18.40	0.90		16.56		
	RHS								
	31.70-44.00		1	12.30	0.90		11.07		
	44.00-47.70		1	3.70	1.80		6.66		
	57.00-69.10		1	12.10	1.50		18.15		
	69.10-93.90		1	24.80	1.20		29.76		
	123.20-132.70		1	9.50	0.60		5.70		
	132.70-149.30		1	16.60	1.20		19.92		
	161.60-191.60		1	30.00	1.20		36.00		
	191.60-221.60		1	30.00	1.20		36.00		
	221.60-222.80		1	1.20	1.20		1.44		
	222.80-235.00		1	12.20	0.90		10.98		
	235.00-250.70		1	15.70	1.20		18.84		
	257.70-262.70		1	5.00	1.20		6.00		
	268.40-271.90		1	3.50	1.80		6.30		
	295.80-308.20		1	12.40	1.20		14.88		
	7th Cross Road								
	RHS								
	34.10-42.20		1	8.10	0.90		7.29		
	69.00-72.90		1	3.90	0.90		3.51		
	77.40-91.60		1	14.20	0.90		12.78		
	98.00-100.90		1	2.90	0.90		2.61		
	100.90-109.60		1	8.70	0.90		7.83		
	109.60-137.50		1	27.90	0.90		25.11		
	146.70-172.20		1	25.50	0.90		22.95		
	LHS								
	0.00-9.60		1	9.60	0.90		8.64		
	20.80-49.00		1	28.20	0.90		25.38		
	57.50-61.20		1	3.70	0.90		3.33		
	77.90-82.30		1	4.40	0.90		3.96		
	106.10-134.50		1	28.40	0.90		25.56		
	142.60-147.10		1	4.50	0.90		4.05		

AE-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

	8th Cross Road								
	RHS								
	20.50-34.30		1	13.80	0.90		12.42		
	104.10-105.10		1	1.00	0.90		0.90		
	LHS								
	0.00-29.30		1	29.30	0.90		26.37		
	33.20-41.80		1	8.60	0.90		7.74		
	64.50-69.40		1	4.90	0.90		4.41		
	75.60-87.90		1	12.30	0.90		11.07		
						Present Quantity	**535.02**		
						Quantity reserved from second bill	**3126.50**		
						Total Quantity	**3661.52**		
						Quantity to be reserved	**3661.52**		
						Quantity to Paid	**0.00**	**139.72**	**0.00**

AEE (VRP) SD

Contractor PMC Assistant Engineer -09 Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
2	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)								
	Ward No-09								
	Top Slab								
	7th Block HMT Layout								
	Last Bus Stop To GKVK Layout								
	LHS								
	26.90-48.40		1	21.50	0.90		19.35		
	65.20-72.80		1	7.60	0.90		6.84		
	167.50-197.50		1	30.00	0.90		27.00		
	197.50-200.20		1	2.70	0.90		2.43		
	218.50-223.20		1	4.70	0.90		4.23		
	229.80-235.00		1	5.20	0.90		4.68		
	240.20-244.80		1	4.60	0.90		4.14		
	286.00-301.70		1	15.70	0.90		14.13		
	RHS								
	0.00-16.60		1	16.60	0.90		14.94		
	47.70-57.00		1	9.30	0.90		8.37		
	93.90-110.10		1	16.20	0.90		14.58		
	149.30-161.60		1	12.30	0.90		11.07		
	250.70-257.70		1	7.00	0.90		6.30		
	262.70-268.40		1	5.70	0.90		5.13		
	271.90-295.80		1	23.90	0.90		21.51		
	308.20-322.50		1	14.30	0.90		12.87		
						Present Quantity	**177.57**		
						Quantity reserved from second bill	**113.82**		
						Total Quantity	**291.39**		
						Quantity to be reserved	**291.39**		
						Quantity to Paid	**0.00**	**271.35**	**0.00**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-I.No 1.4,Page No-5 PWD SR 2021-22)								
	Ward No-09								
	Drain Desilt								
	7th Block HMT Layout								
	Last Bus Stop To GKVK Layout								
	LHS								
	0.00-13.50		1	13.50	0.45	0.40	2.43		
	22.70-26.90		1	4.20	0.45	0.46	0.87		
	26.90-48.40		1	21.50	0.45	0.44	4.26		
	48.40-65.20		1	16.80	0.45	0.43	3.25		
	65.20-72.80		1	7.60	0.45	0.42	1.44		
	72.80-102.80		1	30.00	0.45	0.30	4.05		
	123.50-153.50		1	30.00	0.45	0.36	4.86		
	153.50-154.70		1	1.20	0.45	0.37	0.20		
	163.20-167.50		1	4.30	0.45	0.51	0.99		
	167.50-197.50		1	30.00	0.45	0.45	6.08		
	197.50-200.20		1	2.70	0.45	0.55	0.67		
	213.90-218.50		1	4.60	0.45	0.45	0.93		
	218.50-223.20		1	4.70	0.45	0.44	0.93		
	223.20-229.80		1	6.60	0.45	0.41	1.22		
	229.80-235.00		1	5.20	0.45	0.43	1.01		
	235.00-240.20		1	5.20	0.45	0.42	0.98		
	240.20-244.80		1	4.60	0.45	0.45	0.93		
	244.80-263.20		1	18.40	0.45	0.43	3.56		
	286.00-301.70		1	15.70	0.45	0.30	2.12		
	310.00-331.20		1	21.20	0.45	0.38	3.63		
	RHS								
	0.00-16.60		1	16.60	0.45	0.45	3.36		
	31.70-44.00		1	12.30	0.45	0.35	1.94		
	44.00-47.70		1	3.70	0.45	0.38	0.63		
	47.70-57.00		1	9.30	0.45	0.39	1.63		
	57.00-69.10		1	12.10	0.45	0.45	2.45		
	69.10-93.90		1	24.80	0.45	0.41	4.58		
	93.90-110.10		1	16.20	0.45	0.43	3.13		
	123.20-132.70		1	9.50	0.45	0.48	2.05		

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

	132.70-149.30		1	16.60	0.45	0.49	3.66		
	149.30-161.60		1	12.30	0.45	0.55	3.04		
	161.60-191.60		1	30.00	0.45	0.51	6.89		
	191.60-221.60		1	30.00	0.45	0.55	7.43		
	221.60-222.80		1	1.20	0.45	0.52	0.28		
	222.80-235.00		1	12.20	0.45	0.53	2.91		
	235.00-250.70		1	15.70	0.45	0.55	3.89		
	250.70-257.70		1	7.00	0.45	0.45	1.42		
	257.70-262.70		1	5.00	0.45	0.52	1.17		
	262.70-268.40		1	5.70	0.45	0.55	1.41		
	268.40-271.90		1	3.50	0.45	0.45	0.71		
	271.90-295.80		1	23.90	0.45	0.35	3.76		
	295.80-308.20		1	12.40	0.45	0.36	2.01		
	308.20-322.50		1	14.30	0.45	0.45	2.90		
	7th Cross Road								
	RHS								
	0.00-30.00		1	30.00	0.45	0.45	6.08		
	30.00-34.10		1	4.10	0.45	0.30	0.55		
	34.10-42.20		1	8.10	0.45	0.35	1.28		
	42.20-50.10		1	7.90	0.45	0.44	1.56		
	56.00-69.00		1	13.00	0.45	0.45	2.63		
	69.00-72.90		1	3.90	0.45	0.46	0.81		
	72.90-77.40		1	4.50	0.45	0.47	0.95		
	77.40-91.60		1	14.20	0.45	0.44	2.81		
	91.60-98.00		1	6.40	0.45	0.45	1.30		
	98.00-100.90		1	2.90	0.45	0.35	0.46		
	100.90-109.60		1	8.70	0.45	0.38	1.49		
	109.60-137.50		1	27.90	0.45	0.46	5.78		
	146.70-172.20		1	25.50	0.45	0.48	5.51		
	LHS								
	0.00-9.60		1	9.60	0.45	0.45	1.94		
	9.60-20.80		1	11.20	0.45	0.44	2.22		
	20.80-49.00		1	28.20	0.45	0.46	5.84		
	49.00-57.50		1	8.50	0.45	0.45	1.72		
	57.50-61.20		1	3.70	0.45	0.44	0.73		
	61.20-77.90		1	16.70	0.45	0.36	2.71		
	77.90-82.30		1	4.40	0.45	0.38	0.75		
	82.30-106.10		1	23.80	0.45	0.48	5.14		
	106.10-134.50		1	28.40	0.45	0.55	7.03		
	134.50-142.60		1	8.10	0.45	0.56	2.04		
	142.60-147.10		1	4.50	0.45	0.60	1.21		
	147.10-159.10		1	12.00	0.45	0.45	2.43		
	159.10-160.40		1	1.30	0.45	0.45	0.26		
	160.40-170.80		1	10.40	0.45	0.46	2.15		
	8th Cross Road								
	RHS								
	0.00-17.30		1	17.30	0.45	0.45	3.50		
	17.30-20.50		1	3.20	0.45	0.44	0.63		
	20.50-34.30		1	13.80	0.45	0.39	2.42		
	34.30-44.10		1	9.80	0.45	0.51	2.25		
	44.10-74.10		1	30.00	0.45	0.46	6.21		
	74.10-104.10		1	30.00	0.45	0.41	5.54		
	104.10-105.10		1	1.00	0.45	0.44	0.20		

AB-09

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

	LHS								
	0.00-29.30		1	29.30	0.45	0.44	5.80		
	29.30-33.20		1	3.90	0.45	0.46	0.81		
	33.20-41.80		1	8.60	0.45	0.41	1.59		
	41.80-64.50		1	22.70	0.45	0.43	4.39		
	64.50-69.40		1	4.90	0.45	0.47	1.04		
	69.40-75.60		1	6.20	0.45	0.48	1.34		
	75.60-87.90		1	12.30	0.45	0.38	2.10		
	87.90-99.10		1	11.20	0.45	0.50	2.52		
	99.10-104.70		1	5.60	0.45	0.49	1.23		
	6th Block HMT Layout								
	3rd Cross Road								
	LHS								
	0.00-30.00		1	30.00	0.45	0.30	4.05		
	30.00-60.00		1	30.00	0.45	0.29	3.92		
	60.00-90.00		1	30.00	0.45	0.23	3.11		
	90.00-120.00		1	30.00	0.45	0.35	4.73		
	120.00-150.00		1	30.00	0.45	0.36	4.86		
	150.00-158.30		1	8.30	0.45	0.40	1.49		
	RHS								
	0.00-30.00		1	30.00	0.45	0.28	3.78		
	30.00-60.00		1	30.00	0.45	0.26	3.51		
	60.00-90.00		1	30.00	0.45	0.27	3.65		
	90.00-120.00		1	30.00	0.45	0.35	4.73		
	120.00-150.00		1	30.00	0.45	0.33	4.46		
	150.00-174.80		1	24.80	0.45	0.36	4.02		
	Defence Layout								
	Sri Krishna #250 House Road								
	RHS								
	0.00-30.00		1	30.00	0.75	0.45	10.13		
	30.00-37.00		1	7.00	0.75	0.46	2.42		
	BARD/DAE Exit Gate Rd								
	0.00-27.00		1	27.00	0.75	0.42	8.51		
	8th Road								
	Form BARC/DAE main gate								
	LHS								
	0.00-30.00		1	30.00	0.75	0.46	10.35		
	30.00-47.20		1	17.20	0.75	0.45	5.81		
	57.10-87.10		1	30.00	0.75	0.48	10.80		
	87.10-117.10		1	30.00	0.75	0.40	9.00		
	117.10-141.10		1	24.00	0.75	0.38	6.84		
	RHS								
	From 5th road								
	0.00-30.00		1	30.00	0.75	0.45	10.13		
	30.00-41.50		1	11.50	0.75	0.41	3.54		
	41.50-50.30		1	8.80	0.75	0.38	2.51		
	50.30-80.30		1	30.00	0.75	0.48	10.80		
	80.30-83.80		1	3.50	0.75	0.35	0.92		
	SSM Culvert								
	6th Block BEL Layout								
	1st B Cross Road		1	7.50	1.80	1.20	16.20		
	7th Block HMT Layout								
	6th Cross Road								

AEE (VRP) SD

			1	14.57	1.80	1.20	31.47		
			1	11.30	1.80	1.20	24.41		
	7th Cross Road		1	7.50	1.80	1.20	16.20		
	Last Bus Stop To GKVK Layout		1	10.50	2.00	1.20	25.20		
	New Drain								
	Vidyaranyapura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00	1.00	1.20	36.00		
	30.00-60.00		1	30.00	1.00	1.20	36.00		
	60.00-90.00		1	30.00	1.00	1.20	36.00		
	90.00-100.00		1	10.00	1.00	1.20	12.00		
	6th Block HMT Layout								
	2nd Cross Road								
	LHS								
	0.00-13.20		1	13.20	1.00	1.20	15.84		
	23.00-37.40		1	14.40	1.00	1.20	17.28		
	42.80-54.60		1	11.80	1.00	1.20	14.16		
	60.40-62.40		1	2.00	1.00	1.20	2.40		
						Present Quantity	**635.75**		
						Quantity reserved from second bill	**681.11**		
						Total Quantity	**1316.86**		
						Quantity to be reserved	**1316.86**		
						Quantity to Paid	**0.00**	**351.02**	**0.00**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Testing House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-1, P.No-15, I No-2.1.3 of PWD SR 2021-22)								
	Ward No-09								
	SSM Culvert								
	6th Block BEL Layout								
	1st B Cross Road		1	7.50	1.50	0.15	1.69		
	7th Block HMT Layout								
	6th Cross Road								
			1	14.57	1.50	0.15	3.28		
			1	11.30	1.50	0.15	2.54		
	7th Cross Road		1	7.50	1.50	0.15	1.69		
	Last Bus Stop To GKVK Layout		1	10.50	1.50	0.15	2.36		
	New Drain								
	vidyaranipura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00	1.00	0.15	4.50		
	30.00-60.00		1	30.00	1.00	0.15	4.50		
	60.00-90.00		1	30.00	1.00	0.15	4.50		
	90.00-100.00		1	10.00	1.00	0.15	1.50		
	6th Block HMT Layout								
	2nd Cross Road								
	0.00-13.20		1	13.20	1.00	0.15	1.98		
	23.00-37.40		1	14.40	1.00	0.15	2.16		
	42.80-54.60		1	11.80	1.00	0.15	1.77		
	60.40-62.40		1	2.00	1.00	0.15	0.30		
						Total Quantity	**32.77**	**6413.04**	**210144.10**

Contractor PMC Assistant Engineer - 09 Asst, Executive Engineer

Karnataka Material Testing House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
5	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. (V-III, I.No 13.1 page no 99,KPWD S.R 20121-22)								
	New Drain								
	vidyaranipura BBMP subdivision office Road								
	LHS								
	Total Drain length=100.00m								
	Main bar 10mm dia bar @ 150mm								
	0.60kg/mtr								
	No of U-bar=667 Nos		667	2.10		0.60	840.0		
	Distribution bar								
	Distribution bar 8mm dia @ 150mm								
	0.60kg/mtr,		14	100.00		0.60	840.0		
	6th Block HMT Layout								
	2nd Cross Road								
	LHS								
	Total Drain length=41.4m								
	Main bar 10mm dia bar @ 150mm								
	0.60kg/mtr								
	No of U-bar=276 Nos		276	2.10		0.60	347.8		
	Distribution bar								
	Distribution bar 8mm dia @ 150mm								
	0.60kg/mtr,		14	41.40		0.60	347.8		
							2375.5		
						Total Quantity	**2.38**	**106425.93**	**252816.93**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Divisi...
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
6	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (V-1,P.No.17, I.No.2.4.2 of PWD SR 2021-22)								
	New Drains								
	Rafting								
	Vidyaranyapura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00	0.90	0.15	4.05		
	30.00-60.00		1	30.00	0.90	0.15	4.05		
	60.00-90.00		1	30.00	0.90	0.15	4.05		
	90.00-100.00		1	10.00	0.90	0.15	1.35		
	6th Block HMT Layout								
	2nd Main Road								
	LHS								
	0.00-13.20		1	13.20	0.90	0.15	1.78		
	23.00-37.40		1	14.40	0.90	0.15	1.94		
	42.80-54.60		1	11.80	0.90	0.15	1.59		
	60.40-62.40		1	2.00	0.90	0.15	0.27		
	Wall Concreting								
	Vidyaranyapura BBMP subdivision office Road								
	LHS								
	0.00-30.00		2	30.00	0.15	0.60	5.40		
	30.00-60.00		2	30.00	0.15	0.58	5.22		
	60.00-90.00		2	30.00	0.15	0.61	5.49		
	90.00-100.00		2	10.00	0.15	0.59	1.77		
	6th Block HMT Layout								
	2nd Cross Road								
	LHS								
	0.00-13.20		2	13.20	0.15	0.56	2.22		

Assistant Executive Engineer
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B.B.M.P, Bangalore - 97

	33.00-37.40		2	14.40	0.15	0.62	2.68		
	42.80-54.60		2	11.80	0.15	0.59	2.09		
	60.40-62.40		2	2.00	0.15	0.60	0.36		
						Total Quantity	**44.31**	**7235.62**	**320636.37**

Contractor PMC Assistant Engineer -09 Asst. Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
7	Providing and laying in position **plain cement concrete** for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) **Mix 1:3:6 (M10) Using 20 mm** nominal size graded crushed coarse aggregates (V-I Page No.15, Item No.2.1.4 of PWD SR 2021-22)								
	Ward No-09								
	For Coping Concrete								
	SSM Culvert								
	6th Block BEL Layout								
	1st B Cross Road		2	7.50	0.40	0.10	0.60		
	7th Block HMT Layout								
	6th Cross Road								
			2	14.57	0.40	0.10	1.17		
			2	11.30	0.40	0.10	0.90		
	7th Cross Road		2	7.50	0.40	0.10	0.60		
	Last Bus Stop To GKVK Layout		2	10.50	0.40	0.10	0.84		
	For Bed Correction								
	SSM Culvert								
	6th Block BEL Layout								
	1st B Cross Road		1	7.50	0.60	0.15	0.68		
	7th Block HMT Layout								
	6th Cross Road								
			1	14.57	0.60	0.15	1.31		
			1	11.30	0.60	0.15	1.02		
	7th Cross Road		1	7.50	0.60	0.15	0.68		
	Last Bus Stop To GKVK Layout		1	10.50	0.60	0.15	0.95		
	Flagging Course PCC								
	7th Block HMT Layout								
	7th Cross Road								
	RHS								
	0.00-30.00		2	30.00	0.20	0.10	1.20		
	30.00-34.10		2	4.10	0.20	0.10	0.16		
	42.20-50.10		2	7.90	0.20	0.10	0.32		
	56.00-69.00		2	13.00	0.20	0.10	0.52		
	72.90-77.40		2	4.50	0.20	0.10	0.18		
	100.90-109.60		2	8.70	0.20	0.10	0.35		
	LHS								
	49.00-57.50		2	8.50	0.20	0.10	0.34		
	61.20-77.90		2	16.70	0.20	0.10	0.67		
	82.30-106.10		2	23.80	0.20	0.10	0.95		
	134.50-142.60		2	8.10	0.20	0.10	0.32		
	147.10-159.10		2	12.00	0.20	0.10	0.48		

AE-09

Assistant Executive Engin
Vidyaranyapura Sub Divisi
B.B.M.P, Bangalore - 97

	8 Cross Road								
	RHS								
	0.00-17.30		2	17.30	0.20	0.10	0.69		
	17.30-20.50		2	3.20	0.20	0.10	0.13		
	34.30-44.10		2	9.80	0.20	0.10	0.39		
	LHS								
	41.80-64.50		2	22.70	0.20	0.10	0.91		
	69.40-75.60		2	6.20	0.20	0.10	0.25		
	99.10-104.70		2	5.60	0.20	0.10	0.22		
	Flagging Course coping								
	7th Block HMT Layout								
	7th Cross Road								
	RHS								
	0.00-30.00		2	30.00	0.15	0.05	0.45		
	30.00-34.10		2	4.10	0.15	0.05	0.06		
	42.20-50.10		2	7.90	0.15	0.05	0.12		
	56.00-69.00		2	13.00	0.15	0.05	0.20		
	72.90-77.40		2	4.50	0.15	0.05	0.07		
	100.90-109.60		2	8.70	0.15	0.05	0.13		
	LHS								
	49.00-57.50		2	8.50	0.15	0.05	0.13		
	61.20-77.90		2	16.70	0.15	0.05	0.25		
	82.30-106.10		2	23.80	0.15	0.05	0.36		
	134.50-142.60		2	8.10	0.15	0.05	0.12		
	147.10-159.10		2	12.00	0.15	0.05	0.18		
	8th Cross Road								
	RHS								
	0.00-17.30		2	17.30	0.15	0.05	0.26		
	17.30-20.50		2	3.20	0.15	0.05	0.05		
	34.30-44.10		2	9.80	0.15	0.05	0.15		
	LHS								
	41.80-64.50		2	22.70	0.15	0.05	0.34		
	69.40-75.60		2	6.20	0.15	0.05	0.09		
	99.10-104.70		2	5.60	0.15	0.05	0.08		
	FOR RAMP								
	6th Block BEL Layout								
	1st B Cross Road		2	7.00	1.20	0.23	3.86		
	7th Block HMT Layout								
	6th Cross Road		2	10.00	0.85	0.23	3.91		
	7th Cross Road		2	7.60	1.20	0.23	4.20		
	FOR KERB STONE								
	vidyaranipura BBMP subdivision office Road								
	LHS								
	0.00-30.00		1	30.00	0.20	0.10	0.60		
	30.00-60.00		1	30.00	0.20	0.10	0.60		

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

	00-90.00		1	30.00	0.20	0.10	0.60		
	90.00-100.00		1	10.00	0.20	0.10	0.20		
						Total Quantity	**33.82**	**6613.95**	**223667.92**

Contractor PMC Assistant Engineer -09 Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :									
Detailed Measurements									
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
9	Providing **Size Stone masonry** with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.4, P.No-9 of PWD SR 2021-22)								
	Ward No-09								
	Culvert								
	6th Block BEL Layout								
	1st B Cross Road		2	7.50	0.40	0.60	3.60		
	7th Block HMT Layout								
	6th Cross Road								
			2	14.57	0.40	0.90	10.49		
			2	11.30	0.40	0.90	8.14		
	7th Cross Road		2	7.50	0.40	0.60	3.60		
	Last Bus Stop To GKVK Layout		2	10.50	0.40	0.80	6.72		
						Total Quantity	**32.55**	**6260.62**	**203760.64**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :									
Detailed Measurements									
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
11	Providing **Flush/ Ruled pointing: Pointing on stone work** with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge.(V-II, No-8.19.1, P.No-44 of PWD SR 2021-22)								
	Ward No-09								
	Culvert								
	6th Block BEL Layout								
	1st B Cross Road		2	7.50		0.70	10.50		
	7th Block HMT Layout								
	6th Cross Road								
			2	14.57		1.00	29.14		
			2	11.30		1.00	22.60		
	7th Cross Road		2	7.50		0.70	10.50		
	Last Bus Stop To GKVK Layout		2	10.50		0.90	18.90		
						Total Quantity	**91.64**	**229.78**	**21057.04**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
12	Providing and constructing load bearing wall with **Solid Concrete blocks** of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (V-2, No-6.33, P.No-17 of PWD SR 2021-22).								
	Ward No-09								
	Flagging Course								
	7th Block HMT Layout								
	7th Cross Road								
	RHS								
	0.00-30.00		2	30.00		0.40	24.00		
	30.00-34.10		2	4.10		0.40	3.28		
	42.20-50.10		2	7.90		0.40	6.32		
	56.00-69.00		2	13.00		0.40	10.40		
	72.90-77.40		2	4.50		0.40	3.60		
	100.90-109.60		2	8.70		0.40	6.96		
	LHS								
	49.00-57.50		2	8.50		0.40	6.80		
	61.20-77.90		2	16.70		0.40	13.36		
	82.30-106.10		2	23.80		0.40	19.04		
	134.50-142.60		2	8.10		0.40	6.48		
	147.10-159.10		2	12.00		0.40	9.60		
	8th Cross Road								
	RHS								
	0.00-17.30		2	17.30		0.40	13.84		
	17.30-20.50		2	3.20		0.40	2.56		
	34.30-44.10		2	9.80		0.40	7.84		
	LHS								
	41.80-64.50		2	22.70		0.40	18.16		
	69.40-75.60		2	6.20		0.40	4.96		
	99.10-104.70		2	5.60		0.40	4.48		
						Total Quantity	**161.68**	**1225.10**	**198074.17**

Contractor PMC Assistant Engineer -09 Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
18	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)								
	Asphalt Road								
	Ward No-09								
	Cut Portions								
	6th Block HMT Layout								
	3rd Cross Road								
			1	3.50	1.80	0.25	1.58		
			1	8.60	0.90	0.24	1.86		
			1	6.20	3.20	0.23	4.56		
			1	9.65	1.10	0.25	2.65		
			1	9.50	1.50	0.26	3.71		
			1	6.70	0.90	0.27	1.63		
			1	12.60	0.60	0.23	1.74		
			1	7.60	2.40	0.25	4.56		
			1	9.10	1.00	0.26	2.37		
			1	7.80	0.90	0.25	1.76		
	7th Block HMT Layout								
	7th Cross Road								
			1	10.30	2.00	0.25	5.15		
			1	3.20	1.30	0.26	1.08		
			1	6.40	1.10	0.27	1.90		
			1	12.50	1.80	0.26	5.85		
			1	13.80	1.50	0.28	5.80		
			1	2.60	2.30	0.25	1.50		
			1	3.80	2.80	0.24	2.55		
			1	4.50	1.80	0.25	2.03		
	8th Cross Road								
			1	3.90	1.20	0.25	1.17		
			1	10.60	0.90	0.23	2.19		
			1	11.89	0.60	0.21	1.50		
			1	6.90	0.97	0.20	1.34		
			1	8.50	1.30	0.25	2.76		
			1	6.20	2.20	0.24	3.27		
			1	4.20	3.80	0.23	3.67		
	9th Cross Road								
			1	13.80	0.90	0.24	2.98		
			1	9.60	1.10	0.22	2.32		
			1	5.70	1.40	0.21	1.68		
			1	3.80	1.30	0.24	1.19		
			1	14.80	1.50	0.23	5.11		
			1	3.45	1.20	0.24	0.99		

AE-09

Assistant Executive Engin
Vidyaranyapura Sub Divis
B.B.M.P. Bangalore - 97

			1	8.20	2.40	0.25	4.92		
			1	4.60	4.20	0.25	4.83		
	Defence Layout								
	8th Road								
			1	4.85	3.60	0.21	3.67		
			1	3.80	3.25	0.23	2.84		
			1	2.80	4.00	0.24	2.69		
			1	4.65	3.95	0.26	4.78		
			1	7.10	4.80	0.24	8.18		
			1	7.30	3.40	0.25	6.21		
			1	4.80	3.90	0.26	4.87		
			1	3.40	4.10	0.24	3.35		
			1	4.30	4.25	0.27	4.93		
			1	3.50	1.20	0.21	0.88		
			1	6.10	3.50	0.22	4.70		
			1	5.60	2.90	0.25	4.06		
			1	2.60	1.85	0.27	1.30		
			1	4.10	2.30	0.23	2.17		
			1	3.70	3.50	0.21	2.72		
			1	4.90	4.25	0.22	4.58		
			1	5.70	4.80	0.20	5.47		
	Sri Krishna #250 House Road								
			1	12.50	1.80	0.25	5.63		
			1	8.00	1.20	0.24	2.30		
			1	13.00	0.80	0.25	2.60		
			1	7.80	1.50	0.25	2.93		
			1	5.50	2.20	0.26	3.15		
	BARC/DAE Exit Gate Rd								
			1	8.80	1.20	0.25	2.64		
			1	7.50	1.80	0.24	3.24		
			1	6.50	1.50	0.26	2.54		
			1	14.20	1.25	0.24	4.26		
						Present Quantity	**188.83**		
						Quantity reserved from second bill	**96.94**		
						Total Quantity	**285.77**		
						Quantity to be reserved	**285.77**		
						Quantity to Paid	**0.00**	**75.05**	**0.00**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. * Bangalore *

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

AEE (VRP) SD

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
19	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density (V-III, P.No-24,I No-4.27A)of PWD SR 2021-22).								
	Asphalt Road								
	Ward No-09								
	Cut Portions								
	6th Block HMT Layout								
	3rd Cross Road								
			1	3.50	1.80	0.225	1.42		
			1	8.60	0.90	0.224	1.73		
			1	6.20	3.20	0.230	4.56		
			1	9.65	1.10	0.250	2.65		
			1	9.50	1.50	0.260	3.71		
			1	6.70	0.90	0.245	1.48		
			1	12.60	0.60	0.230	1.74		
			1	7.60	2.40	0.250	4.56		
			1	9.10	1.00	0.260	2.37		
			1	7.80	0.90	0.250	1.76		
	7th Block HMT Layout								
	7th Cross Road								
			1	10.30	2.00	0.250	5.15		
			1	3.20	1.30	0.235	0.98		
			1	6.40	1.10	0.225	1.58		
			1	12.50	1.80	0.260	5.85		
			1	13.80	1.50	0.240	4.97		
			1	2.60	2.30	0.250	1.50		
			1	3.80	2.80	0.240	2.55		
			1	4.50	1.80	0.250	2.03		
	8th Cross Road								
			1	3.90	1.20	0.250	1.17		
			1	10.60	0.90	0.230	2.19		
			1	11.89	0.60	0.210	1.50		
			1	6.90	0.97	0.200	1.34		
			1	6.20	2.20	0.240	3.27		
			1	4.20	3.80	0.230	3.67		
			1	8.50	1.30	0.250	2.76		
	9th Cross Road								
			1	13.80	0.90	0.240	2.98		
			1	9.60	1.10	0.220	2.32		
			1	5.70	1.40	0.210	1.68		
			1	3.80	1.30	0.240	1.19		
			1	14.80	1.50	0.230	5.11		
			1	3.45	1.20	0.240	0.99		
			1	8.20	2.40	0.250	4.92		
			1	4.60	4.20	0.250	4.83		
	Defence Layout								
	8th Road								

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Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

			1	4.85	3.60	0.210	3.67		
			1	3.80	3.25	0.230	2.84		
			1	2.80	4.00	0.240	2.69		
			1	4.65	3.95	0.225	4.13		
			1	7.10	4.80	0.240	8.18		
			1	7.30	3.40	0.250	6.21		
			1	4.80	3.90	0.225	4.21		
			1	3.40	4.10	0.240	3.35		
			1	4.30	4.25	0.228	4.17		
			1	3.50	1.20	0.210	0.88		
			1	6.10	3.50	0.220	4.70		
			1	5.60	2.90	0.250	4.06		
			1	2.60	1.85	0.235	1.13		
			1	4.10	2.30	0.230	2.17		
			1	3.70	3.50	0.210	2.72		
			1	4.90	4.25	0.220	4.58		
			1	5.70	4.80	0.200	5.47		
	Sri Krishna #250 House Road								
			1	12.50	1.80	0.250	5.63		
			1	8.00	1.20	0.240	2.30		
			1	13.00	0.80	0.250	2.60		
			1	7.80	1.50	0.250	2.93		
			1	5.50	2.20	0.230	2.78		
	BARC/DAE Exit Gate Rd								
			1	8.80	1.20	0.250	2.64		
			1	7.50	1.80	0.240	3.24		
			1	6.50	1.50	0.235	2.29		
			1	14.20	1.25	0.240	4.26		
	FOR RAMP								
	7th Block HMT Layout								
	6th Cross Road								
	RHS		1	14.00	1.50	0.125	2.63		
	LHS		1	9.00	1.50	0.125	1.69		
							Present Quantity	**188.62**	
							Quantity reserved from second bill	**23.56**	
							Total Quantity	**212.18**	
							Quantity to be reserved	**212.18**	
							Quantity to Paid	**0.00**	**2764.28**	**0.00**

AEE (VRP) SD

Contractor PMC Assistant Engineer - 09 Asst, Executive Engineer

Karnataka Material Testing House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
20	Providing and applying primer coat with SS1 bitumen emulsion on prepared surface of granlar base such as WMM including cleaning of road surface and spraying primer at the rate of 0.90 KG/Sqm using mechanical means complete as per specifications and as per directions of the engineer in charge of the work.								
	Asphalt Road								
	Ward No-09								
	Cut Portions								
	6th Block HMT Layout								
	3rd Cross Road								
			1	3.50	1.80		6.30		
			1	8.60	0.90		7.74		
			1	6.20	3.20		19.84		
			1	9.65	1.10		10.62		
			1	9.50	1.50		14.25		
			1	6.70	0.90		6.03		
			1	12.60	0.60		7.56		
			1	7.60	2.40		18.24		
			1	9.10	1.00		9.10		
			1	7.80	0.90		7.02		
	7th Block HMT Layout								
	7th Cross Road								
			1	10.30	2.00		20.60		
			1	3.20	1.30		4.16		
			1	6.40	1.10		7.04		
			1	12.50	1.80		22.50		
			1	13.80	1.50		20.70		
			1	2.60	2.30		5.98		
			1	3.80	2.80		10.64		
			1	4.50	1.80		8.10		
	8th Cross Road								
			1	3.90	1.20		4.68		
			1	10.60	0.90		9.54		
			1	11.89	0.60		7.13		
			1	6.90	0.97		6.69		
			1	6.20	2.20		13.64		
			1	4.20	3.80		15.96		
			1	8.50	1.30		11.05		
	9th Cross Road								
			1	13.80	0.90		12.42		
			1	9.60	1.10		10.56		
			1	5.70	1.40		7.98		
			1	3.80	1.30		4.94		
			1	14.80	1.50		22.20		
			1	3.45	1.20		4.14		
			1	8.20	2.40		19.68		
			1	4.60	4.20		19.32		

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	Defence Layout								
	8th Road								
			1	4.85	3.60		17.46		
			1	3.80	3.25		12.35		
			1	2.80	4.00		11.20		
			1	4.65	3.95		18.37		
			1	7.10	4.80		34.08		
			1	7.30	3.40		24.82		
			1	4.80	3.90		18.72		
			1	3.40	4.10		13.94		
			1	4.30	4.25		18.28		
			1	3.50	1.20		4.20		
			1	6.10	3.50		21.35		
			1	5.60	2.90		16.24		
			1	2.60	1.85		4.81		
			1	4.10	2.30		9.43		
			1	3.70	3.50		12.95		
			1	4.90	4.25		20.83		
			1	5.70	4.80		27.36		
	Sri Krishna #250 House Road								
			1	12.50	1.80		22.50		
			1	8.00	1.20		9.60		
			1	13.00	0.80		10.40		
			1	7.80	1.50		11.70		
			1	5.50	2.20		12.10		
	BARC/DAE Exit Gate Rd								
			1	8.80	1.20		10.56		
			1	7.50	1.80		13.50		
			1	6.50	1.50		9.75		
			1	14.20	1.25		17.75		
	For Profile Correction								
	6th Block HMT Layout								
	3rd Cross Road								
			1	6.20	4.50		27.90		
			1	4.50	4.00		18.00		
			1	3.00	3.20		9.60		
			1	2.00	2.00		4.00		
			1	3.80	3.50		13.30		
	7th Block HMT Layout								
	7th Cross Road								
			1	4.80	3.90		18.72		
			1	6.50	6.20		40.30		
			1	3.80	3.50		13.30		
			1	3.20	2.90		9.28		
			1	4.20	4.10		17.22		
			1	4.50	4.10		18.45		
	8th Cross Road								
			1	3.20	3.00		9.60		
			1	4.30	4.00		17.20		
			1	5.00	4.80		24.00		
			1	5.50	4.20		23.10		
			1	6.20	4.95		30.69		

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Assistant Executive Engi
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			1	4.40	4.40		19.36		
	9th Cross Road								
			1	4.10	3.20		13.12		
			1	3.50	5.20		18.20		
			1	3.60	4.80		17.28		
			1	4.80	4.40		21.12		
	Defence Layout								
	8th Road								
			1	4.50	2.00		9.00		
			1	4.80	2.20		10.56		
			1	3.80	3.20		12.16		
			1	6.20	1.80		11.16		
			1	4.20	1.50		6.30		
			1	6.60	2.50		16.50		
			1	7.50	3.60		27.00		
			1	3.80	2.50		9.50		
			1	4.40	4.20		18.48		
			1	4.00	3.50		14.00		
			1	5.00	4.60		23.00		
	Sri Krishna #250 House Road								
			1	6.80	2.50		17.00		
			1	4.50	3.50		15.75		
			1	2.00	2.00		4.00		
			1	1.80	1.50		2.70		
	BARC/DAE Exit Gate Rd								
			1	3.50	2.20		7.70		
			1	4.80	2.80		13.44		
			1	6.50	5.50		35.75		
			1	7.80	6.00		46.80		
						Present Quantity	**1465.13**		
						Quantity reserved from second bill	**1500.66**		
						Total Quantity	**2965.79**		
						Quantity to be reserved	**2965.79**		
						Quantity to Paid	**0.00**	**48.50**	**0.00**

Contractor PMC Assistant Engineer Asst, Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
21	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).								
	Ward No-09								
	For BC Road								
	6th Block HMT Layout								
	3rd Cross Road								
	0.00-15.00		1	15.00	(5.3+4.7)/2		75.00		
	15.00-30.00		1	15.00	(4.7+4.8)/2		71.25		
	30.00-45.00		1	15.00	(4.8+4.9)/2		72.75		
	45.00-60.00		1	15.00	(4.9+5.4)/2		77.25		
	60.00-74.00		1	14.00	(5.4+5.4)/2		75.60		
	74.00-90.00		1	16.00	(5.4+4.9)/2		82.40		
	90.00-105.00		1	15.00	(4.9+4.9)/2		73.50		
	105.00-120.00		1	15.00	(4.9+5)/2		74.25		
	120.00-135.00		1	15.00	(5+4.9)/2		74.25		
	135.00-150.00		1	15.00	(4.9+5.1)/2		75.00		
	150.00-165.00		1	15.00	(5.1+5)/2		75.75		
	165.00-180.00		1	15.00	(5+5.1)/2		75.75		
	180.00-195.00		1	15.00	(5.1+5.75)/2		81.38		
	195.00-200.40		1	5.40	(5.75+5.8)/2		31.19		
	7th Block HMT Layout								
	7th Cross Road								
	0.00-15.00		1	15.00	(4.8+4.6)/2		70.50		
	15.00-30.00		1	15.00	(4.6+4.8)/2		70.50		
	30.00-45.00		1	15.00	(4.8+5.5)/2		77.25		
	45.00-60.00		1	15.00	(5.5+4.8)/2		77.25		
	60.00-75.00		1	15.00	(4.8+4.5)/2		69.75		
	75.00-90.00		1	15.00	(4.5+4.75)/2		69.38		
	90.00-105.00		1	15.00	(4.75+4.6)/2		70.13		
	105.00-120.00		1	15.00	(4.6+5)/2		72.00		
	120.00-135.00		1	15.00	(5+5.05)/2		75.38		
	135.00-150.00		1	15.00	(5.05+4.75)/2		73.50		
	150.00-165.00		1	15.00	(4.75+4.8)/2		71.63		
	165.00-172.90		1	7.90	(4.8+6.7)/2		45.43		
	8th Cross Road								
	0.00-15.00		1	15.00	(6.9+5.25)/2		91.13		
	15.00-30.00		1	15.00	(5.25+4.8)/2		75.38		
	30.00-45.00		1	15.00	(4.8+4.9)/2		72.75		
	45.00-60.0		1	15.00	(4.9+5)/2		74.25		
	60.00-75.00		1	15.00	(5+5.3)/2		77.25		
	75.00-90.00		1	15.00	(5.3+4.8)/2		75.75		
	90.00-105.00		1	15.00	(4.8+5.9)/2		80.25		
	105.00-107.00		1	2.00	(5.9+5.9)/2		11.80		
	9th Cross Road								

Assistant Executive Engr
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	0.00-15.00		1	15.00	(7.4+4.5)/2		89.25		
	15.00-30.00		1	15.00	(4.5+4.6)/2		68.25		
	30.00-45.00		1	15.00	(4.6+4.55)/2		68.63		
	45.00-50.00		1	5.00	(4.55+5)/2		23.88		
	50.00-62.00		1	12.00	(5+5.2)/2		61.20		
	62.00-74.00		1	12.00	(5.2+4.75)/2		59.70		
	74.00-86.00		1	12.00	(4.75+5.1)/2		59.10		
	86.00-97.70		1	11.70	(5.1+7)/2		70.79		
	Defence Layout								
	8th Road								
	0.00-15.00		1	15.00	(6.5+6)/2		93.75		
	15.00-30.00		1	15.00	(6+6)/2		90.00		
	30.00-45.00		1	15.00	(6+6.2)/2		91.50		
	45.00-49.30		1	4.30	(6.2+6.4)/2		27.09		
	49.30-58.10		1	8.80	(8.2+8.9)/2		75.24		
	58.10-76.00		1	17.90	(6.4+5.8)/2		109.19		
	76.00-90.00		1	14.00	(5.8+5.5)/2		79.10		
	90.00-105.00		1	15.00	(5.5+5.35)/2		81.38		
	105.00-117.60		1	12.60	(5.35+5.85)/2		70.56		
	117.60-130.2		1	12.60	(6.80+7.65)/2		91.04		
	130.2-145.00		1	14.80	(6.15+5.7)/2		87.69		
	145.00-160.00		1	15.00	(5.7+6.15)/2		88.88		
	160.00-173.20		1	13.20	(6.15+5.8)/2		78.87		
	173.20-185.50		1	12.30	(8.10+7.20)/2		94.10		
	185.50-200.00		1	14.50	(6.10+6.30)/2		89.90		
	200.00-215.00		1	15.00	(6.3+5.40)/2		87.75		
	215.00-230.00		1	15.00	(5.40+5.30)/2		80.25		
	230.00-245.00		1	15.00	(5.30+5.20)/2		78.75		
	245.00-260.00		1	15.00	(5.20+4.70)/2		74.25		
	260.00-271.00		1	11.00	(4.70+5.70)/2		57.20		
	271.00-278.00		1	7.00	(7.70+7.60)/2		53.55		
	278.00-293.00		1	15.00	(5.10+4.8)/2		74.25		
	293.00-310.00		1	17.00	(4.8+5.10)/2		84.15		
	310.00-325.00		1	15.00	(5.10+5.5)/2		79.50		
	325.00-340.00		1	15.00	(5.5+5.10)/2		79.50		
	340.00-357.80		1	17.80	(5.10+5.4)/2		93.45		
	357.80-361.00		1	3.20	(6.2+6)/2		19.52		
	361.00-364.90		1	3.90	(5.6+7.5)/2		25.55		
	Sri Krishna #250 House Road								
	0.00-15.00		1	15.00	(4.9+5)/2		74.25		
	15.00-30.00		1	15.00	(5+4.9)/2		74.25		
	30.00-37.60		1	7.60	(4.9+8.01)/2		49.06		
	BARC/DAE Exit Gate Rd								
	0.00-15.00		1	15.00	(7.8+7.4)/2		114.00		
	15.00-30.00		1	15.00	(7.4+7.4)/2		111.00		
	30.00-41.30		1	11.30	(7.4+9.1)/2		93.23		
	4th Road								
	0.00-15.00		1	15.00	(8.1+7.2)/2		114.75		
	15.00-30.00		1	15.00	(7.2+7.4)/2		109.50		
	30.00-45.00		1	15.00	(7.4+10.3)/2		132.75		
	FOR RAMP								
	7th Block HMT Layout								

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	Cross Road								
	RHS		1	14.00	1.50		21.00		
	LHS		1	9.00	1.50		13.50		
						Total Quantity	**5960.54**	**13.86**	**82613.06**

Contractor PMC Assistant Engineer -09 Asst. Executive Engineer

Karnataka Material Test House Pvt. Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Div.
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
22	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects. (V-III, P.No-33,I No-5.12C of PWD SR 2021-22).								
	Asphalt Road								
	Ward No-09								
	Cut Portions								
	6th Block HMT Layout								
	3rd Cross Road								
			1	3.50	1.80	0.05	0.32		
			1	8.60	0.90	0.05	0.39		
			1	6.20	3.20	0.05	0.99		
			1	9.65	1.10	0.05	0.53		
			1	9.50	1.50	0.05	0.71		
			1	6.70	0.90	0.05	0.30		
			1	12.60	0.60	0.05	0.38		
			1	7.60	2.40	0.05	0.91		
			1	9.10	1.00	0.05	0.46		
			1	7.80	0.90	0.05	0.35		
	7th Block HMT Layout								
	7th Cross Road								
			1	10.30	2.00	0.05	1.03		
			1	3.20	1.30	0.05	0.21		
			1	6.40	1.10	0.05	0.35		
			1	12.50	1.80	0.05	1.13		
			1	13.80	1.50	0.05	1.04		
			1	2.60	2.30	0.05	0.30		
			1	3.80	2.80	0.05	0.53		
			1	4.50	1.80	0.05	0.41		
	8th Cross Road								
			1	3.90	1.20	0.05	0.23		
			1	10.60	0.90	0.05	0.48		
			1	11.89	0.60	0.05	0.36		
			1	6.90	0.97	0.05	0.33		
			1	6.20	2.20	0.05	0.68		
			1	4.20	3.80	0.05	0.80		
			1	8.50	1.30	0.05	0.55		
	9th Cross Road								
			1	13.80	0.90	0.05	0.62		
			1	9.60	1.10	0.05	0.53		
			1	5.70	1.40	0.05	0.40		
			1	3.80	1.30	0.05	0.25		
			1	14.80	1.50	0.05	1.11		
			1	3.45	1.20	0.05	0.21		

AEE (VRP) SD

AR-09

			1	8.20	2.40	0.05	0.98		
			1	4.60	4.20	0.05	0.97		
	Defence Layout								
	8th Road								
			1	4.85	3.60	0.05	0.87		
			1	3.80	3.25	0.05	0.62		
			1	2.80	4.00	0.05	0.56		
			1	4.65	3.95	0.05	0.92		
			1	7.10	4.80	0.05	1.70		
			1	7.30	3.40	0.05	1.24		
			1	4.80	3.90	0.05	0.94		
			1	3.40	4.10	0.05	0.70		
			1	4.30	4.25	0.05	0.91		
			1	3.50	1.20	0.05	0.21		
			1	6.10	3.50	0.05	1.07		
			1	5.60	2.90	0.05	0.81		
			1	2.60	1.85	0.05	0.24		
			1	4.10	2.30	0.05	0.47		
			1	3.70	3.50	0.05	0.65		
			1	4.90	4.25	0.05	1.04		
			1	5.70	4.80	0.05	1.37		
	Sri Krishna #250 House Road								
			1	12.50	1.80	0.05	1.13		
			1	8.00	1.20	0.05	0.48		
			1	13.00	0.80	0.05	0.52		
			1	7.80	1.50	0.05	0.59		
			1	5.50	2.20	0.05	0.61		
	BARC/DAE Exit Gate Rd								
			1	8.80	1.20	0.05	0.53		
			1	7.50	1.80	0.05	0.68		
			1	6.50	1.50	0.05	0.49		
			1	14.20	1.25	0.05	0.89		
	For Profile Correction								
	6th Block HMT Layout								
	3rd Cross Road								
			1	6.20	4.50	0.05	1.40		
			1	4.50	4.00	0.05	0.90		
			1	3.00	3.20	0.05	0.48		
			1	2.00	2.00	0.05	0.20		
			1	3.80	3.50	0.05	0.67		
	7th Block HMT Layout								
	7th Cross Road								
			1	4.80	3.90	0.05	0.94		
			1	6.50	6.20	0.05	2.02		
			1	3.80	3.50	0.05	0.67		
			1	3.20	2.90	0.05	0.46		
			1	4.20	4.10	0.05	0.86		
			1	4.50	4.10	0.05	0.92		
	8th Cross Road								
			1	3.20	3.00	0.05	0.48		

AEE (VRP) SD

			1	4.30	4.00	0.05	0.86		
			1	5.00	4.80	0.05	1.20		
			1	5.50	4.20	0.05	1.16		
			1	6.20	4.95	0.05	1.53		
			1	4.40	4.40	0.05	0.97		
	9th Cross Road								
			1	4.10	3.20	0.05	0.66		
			1	3.50	5.20	0.05	0.91		
			1	3.60	4.80	0.05	0.86		
			1	4.80	4.40	0.05	1.06		
	Defence Layout								
	8th Road								
			1	4.50	2.00	0.05	0.45		
			1	4.80	2.20	0.05	0.53		
			1	3.80	3.20	0.05	0.61		
			1	6.20	1.80	0.05	0.56		
			1	4.20	1.50	0.05	0.32		
			1	6.60	2.50	0.05	0.83		
			1	7.50	3.60	0.05	1.35		
			1	3.80	2.50	0.05	0.48		
			1	4.40	4.20	0.05	0.92		
			1	4.00	3.50	0.05	0.70		
			1	5.00	4.60	0.05	1.15		
	Sri Krishna #250 House Road								
			1	6.80	2.50	0.05	0.85		
			1	4.50	3.50	0.05	0.79		
			1	2.00	2.00	0.05	0.20		
			1	1.80	1.50	0.05	0.14		
	BARC/DAE Exit Gate Rd								
			1	3.50	2.20	0.05	0.39		
			1	4.80	2.80	0.05	0.67		
			1	6.50	5.50	0.05	1.79		
			1	7.80	6.00	0.05	2.34		
						Present Quantity	**73.26**		
						Quantity from second bill	**593.09**		
						Total Quantity	**666.35**		
						Boq Quantity	**647.30**		
						Quantity to be reserved	**19.05**		
						Quantity to paid	**54.21**	**10552.53**	**572052.65**

AEE (VRP) SD

Contractor PMC Assistant Engineer -09 Asst, Executive Engineer

Karnataka Material Test House Pvt Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

Name of Work: Package-7 Consists of 7 Works

Date of Pre-Measurement :									
Detailed Measurements									
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Rate	Amount
28	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22)								
	Qty frm Item No-3						635.75		
	Qty frm Item No-18						188.83		
						Total Quantity	**824.58**	**110.85**	**91404.76**
						Total Construction Cost			**6589255.70**
						18% GST			**1186066.03**
						Grand Total			**7775321.73**

Contractor PMC Assistant Engineer -09 Asst, Executive Engineer

Karnataka Material Test House Pvt Ltd. Bangalore

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97